



POLICY INFORMATION			
Policy Number:	POL-PP- 317 AHS – G2125 – Urinary Tumor Markers for Bladder Cancer	Original Effective Date:	07/01/2025
Version Number:	001	Revision Date:	
Policy Status:	Active	Next Revision Date:	07/01/2026

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Blue KC reserves the right to review and revise these policies when necessary. When there is an update, we will publish the most current policy to: <https://providers.bluekc.com/ContactUs/PaymentPolicies>.

PROVIDER/ENTITY IMPACTED					
<input checked="" type="checkbox"/> <b>PROFESSIONAL</b>	<input checked="" type="checkbox"/> <b>FACILITY</b>	<input type="checkbox"/> <b>DME</b>	<input type="checkbox"/> <b>AMBULATORY SURGERY</b>	<input checked="" type="checkbox"/> <b>LAB</b>	<input type="checkbox"/> <b>OTHER</b>

LINES OF BUSINESS IMPACTED						
<input checked="" type="checkbox"/> <b>COMMERCIAL</b>	<input checked="" type="checkbox"/> <b>BLUE MEDICARE ADVANTAGE</b>	<input checked="" type="checkbox"/> <b>ACA QHP<sup>1</sup></b>	<input checked="" type="checkbox"/> <b>SMALL GROUP ACA</b>	<input checked="" type="checkbox"/> <b>JAA<sup>2</sup></b>	<input checked="" type="checkbox"/> <b>FEP<sup>3</sup></b>	<input type="checkbox"/> <b>DENTAL</b>

<sup>1</sup> ACA QHP: Affordable Care Act Qualified Health Plan for Individual/Family    <sup>2</sup> JAA: Joint Administrative Account    <sup>3</sup> FEP: Federal Employee Program

**Disclaimer**

Blue KC has developed Provider Payment Policies to provide guidance on payment methodologies as they pertain to submitted claims. These policies are written following industry standard recommendations from sources such as:

- Current Procedural Terminology
- Centers for Medicare and Medicaid
- American Medical Association
- National Correct Coding Initiative
- Other professional organizations and societies

Coverage of any service is determined by date of service, a member's eligibility and benefit limits for the service or services rendered, all terms of the Provider Service Agreement, and other standards of coding rules and guidelines.

Final payment is subject to the application of claims adjudication and edits common to the industry.

For confirmation of which services may be eligible for coverage and description of when medical services are considered medically necessary, not medically necessary or investigational, please contact:

- Blue KC Provider Hotline for Commercial lines of Business 816-395-3929
- Affordable Care Act Provider Hotline 866-859-3822
- Blue Medicare Advantage Provider Hotline 866-508-7140

In the event of a conflict between any policies, the Member's coverage document will govern.



**Description/Application**

Bladder cancer is defined as a malignancy that develops from the tissues of the bladder. It is the most common cancer of the urinary system. The cancer typically arises from the urothelium, although it may originate in other locations such as the ureter or urethra (Lerner, 2023).

Tumor biomarkers are proteins detected in the blood, urine, or other body fluids that are produced by the tumor itself or in response to it. Urinary tumor markers may be used to help detect, diagnose, and manage some types of cancer including bladder cancer (Hottinger & Hormigo, 2011).

**Policy**

Application of coverage criteria is dependent upon an individual’s benefit coverage at the time of the request.

Urinary biomarkers (bladder tumor antigen (BTA) test, nuclear matrix protein (NMP22) test, or fluorescence in situ hybridization (FISH) UroVysion Bladder Cancer test) **may be covered** in **any** of the following situations:

- As an adjunct in the diagnostic exclusion of bladder cancer for individuals who have an atypical or equivocal cytology
- As an adjunct in the monitoring of high-risk, non-muscle invasive bladder cancer

As an adjunct to cystoscopy or cytology in the monitoring of individuals with bladder cancer, the use of fluorescence immunocytology (ImmunoCyt/uCyt) **may be covered**.

*The following does not meet coverage criteria due to a lack of available published scientific literature confirming that the test(s) is/are required and beneficial for the diagnosis and treatment of an individual’s illness*

For the evaluation of hematuria, to screen for bladder cancer in asymptomatic individuals, to diagnose bladder cancer in symptomatic individuals, or for any other indication not discussed above, the following tests **may not be covered**

- Urinary biomarkers (bladder tumor antigen (BTA) test, nuclear matrix protein (NMP22) test, or fluorescence in situ hybridization (FISH) UroVysion Bladder Cancer test).
- Fluorescence immunocytology (ImmunoCyt/uCyt).

Any other urinary tumor markers for bladder cancer not mentioned above **may not be covered**.

**Coding**

CPT	Code Description
86294	Immunoassay for tumor antigen, qualitative or semiquantitative (eg, bladder tumor antigen)
86316	Immunoassay for tumor antigen, other antigen, quantitative (eg, CA 50, 72-4, 549), each
86386	Nuclear Matrix Protein 22 (NMP22), qualitative
88120	Cytopathology, in situ hybridization (eg, FISH), urinary tract specimen with morphometric analysis, 3-5 molecular probes, each specimen; manual
88121	Cytopathology, in situ hybridization (eg, FISH), urinary tract specimen with morphometric analysis, 3-5 molecular probes, each specimen; using computer-assisted technology
88346	Immunofluorescence, per specimen; initial single antibody stain procedure
88350	Immunofluorescence, per specimen; each additional single antibody stain procedure (List separately in



CPT	Code Description
	addition to code for primary procedure)
0012M	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm reported as a risk score for having urothelial carcinoma Proprietary test: Cxbladder™ Detect Lab/manufacturer: Pacific Edge Diagnostics USA, Ltd
0013M	Oncology (urothelial), mRNA, gene expression profiling by real-time quantitative PCR of five genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm reported as a risk score for having recurrent urothelial carcinoma Proprietary test: Cxbladder™ Monitor Lab/manufacturer: Pacific Edge Diagnostics USA, Ltd
0363U	Oncology (urothelial), mRNA, gene-expression profiling by real-time quantitative PCR of 5 genes (MDK, HOXA13, CDC2 [CDK1], IGFBP5, and CXCR2), utilizing urine, algorithm incorporates age, sex, smoking history, and macrohematuria frequency, reported as a risk score for having urothelial carcinoma Proprietary test: Cxbladder™ Triage Lab/Manufacturer: Pacific Edge Diagnostics USA, Ltd
0365U	Oncology (bladder), analysis of 10 protein biomarkers (A1AT, ANG, APOE, CA9, IL8, MMP9, MMP10, PAI1, SDC1 and VEGFA) by immunoassays, urine, algorithm reported as a probability of bladder cancer Proprietary test: Oncuria® Detect Lab/Manufacturer: DiaCarta Clinical Lab
0366U	Oncology (bladder), analysis of 10 protein biomarkers (A1AT, ANG, APOE, CA9, IL8, MMP9, MMP10, PAI1, SDC1 and VEGFA) by immunoassays, urine, algorithm reported as a probability of recurrent bladder cancer Proprietary test: Oncuria® Monitor Lab/Manufacturer: DiaCarta Clinical Lab
0367U	Oncology (bladder), analysis of 10 protein biomarkers (A1AT, ANG, APOE, CA9, IL8, MMP9, MMP10, PAI1, SDC1 and VEGFA) by immunoassays, urine, diagnostic algorithm reported as a risk score for probability of rapid recurrence of recurrent or persistent cancer following transurethral resection Proprietary test: Oncuria® Predict Lab/Manufacturer: DiaCarta Clinical Lab
0420U	Oncology (urothelial), mRNA expression profiling by real-time quantitative PCR of MDK, HOXA13, CDC2, IGFBP5, and CXCR2 in combination with droplet digital PCR (ddPCR) analysis of 6 single-nucleotide polymorphisms (SNPs) genes TERT and FGFR3, urine, algorithm reported as a risk score for urothelial carcinoma.

**References and Resources**

Avalon Medical Policy AHS – G2125 – Urinary Tumor Markers for Bladder Cancer

**Related Documents**

Policy Number	Policy Title
AHS-G2054	Liquid Biopsy



AHS-G2124	Serum Tumor Markers for Malignancies
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<b>Revision History</b>		
<b>Version</b>	<b>Date</b>	<b>Summary of Revisions</b>
001	06/01/2025	Initial version